

Substitute Form PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
17601-045001Application No.  
10/788,694**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

Applicant  
Joseph A. ZupanickFiling Date  
February 27, 2004Group Art. Unit  
3672**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
DS	A1	2005/0252689 A1	11/17/2005	Gardes			
	A2						
	A3						
	A4						
	A5						
	A6						
	A7						
	A8						
	A9						
	A10						
	A11						

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	B1							
	B2							
	B3							
	B4							
	B5							

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
DS	C1	Paul F. Conti and Michael Schumacher, "Solution Mining in the Nineties," Presented at the Fall 1991 meeting of the Solution Mining Research Institute, October 27-30, 1991, 11 pages
DS	C2	Notification of Transmittal of the International Preliminary Report on Patentability (1 page), International Preliminary Report on Patentability (7 pages) and Amended Sheets (9 pages) for International Application No. PCT/US2004/012029 mailed August 11, 2005
	C3	
	C4	

Examiner Signature

/Daniel Stephenson/

Date Considered

01/05/2007

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<b>Information Disclosure Statement</b> <b>by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Joseph A. Zupanick	
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**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
DS	A1	4,296,969	10/27/1981	Willman			
	A2						
	A3						
	A4						
	A5						

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
DS	B1	WO 03/038233 A1	05/08/2003	WIPO			N/A	
DS	B2	WO 2005/012688 A1	02/10/2005	WIPO			N/A	
	B3							
	B4							
	B5							

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
DS	C1	Notification Concerning Transmittal of Copy of International Preliminary Report on Patentability (1 page), International Preliminary Report on Patentability (1 page), and Written Opinion (5 pages) for International Application No. PCT/US2005/005289 mailed September 8, 2006
DS	C2	Invitation to Pay Additional Fees (2 pages) and Annex to Form PCT/ISA/206 Communication Relating to the Results of the Partial International Search (3 pages) for International Application No. PCT/US2006/021057 mailed September 11, 2006
DS	C3	Kalinin, D.G., et al., Translation of Selected Pages, "Boring Direction and Horizontal Wells," Moscow, "Nedra", 1997, p. 11-12, 148-152 (15 pages)
DS	C4	Evaluation of Coalbed Methane Well Types in the San Juan Basin, prepared by Malkewicz Hueni Associates, Inc. for The Bureau of Land Management, March 2004, 23 pages

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